(All Other Editions are Obsolete)

### U.S. Department of Energy FEDERAL ASSISTANCE REPORTING CHECKLIST AND INSTRUCTIONS

Identification Number:		2. Program/Project Title:		
3. Recipient:				
4. Reporting Requirements:		Frequency	No. of Copies	Addresses
A. MANAGEMENT REPORTING				
☐ Progress Report ☐ Special Status Report		А	Electronic Version to NETL>	FITS@NETL.DOE.GOV
B. SCIENTIFIC/TECHNICAL REPORTING * (Reports/Products must be submitted with appropriate DOE F 241. The 241 forms are available at <a href="www.osti.gov/elink">www.osti.gov/elink</a> .)				
Report/Product	<u>Form</u>		Electronic	
<ul> <li>☐ Final Scientific/Technical Report</li> <li>☐ Conference papers/proceedings/etc.*</li> <li>☐ Software/Manual</li> <li>☐ Other</li> </ul>	DOE F 241.3 DOE F 241.3 DOE F 241.4	FG A	Version to E-link>	http://www.osti.gov/elink-2413  (Note-software/manual must be sent to award
Topical	DOE F 241.3	А		administrator- see instructions under section B- Software)
* Scientific/technical conferences only				
C. FINANCIAL REPORTING				
<ul><li></li></ul>		Q, FG	Electronic Version To NETL>	FITS@NETL.DOE.GOV
D. CLOSEOUT REPORTING				
<ul><li>☑ Patent Certification</li><li>☑ Property Certificate</li><li>☐ Other</li></ul>		FC FC	Electronic Version To NETL>	<u>FITS@NETL.DOE.GOV</u>
E. OTHER REPORTING				
☐ Other				
FREQUENCY CODES AND DUE DATES:				
A - As required; see attached text for applicability.				

- FG Final; within ninety (90) calendar days after the project period ends.
- FC Final End of Effort.
- Q Quarterly; within thirty (30) calendar days after end of the calendar quarter or portion thereof.
- S Semiannually; within thirty (30) calendar days after end of project year and project half-year.
- YF Yearly; 90 calendar days after the end of project year.
- YP Yearly Property due 15 days after period ending 9/30.

#### 5. SPECIAL INSTRUCTIONS:

- The forms identified in the checklist are available at <a href="http://grants.pr.doe.gov">http://grants.pr.doe.gov</a>. Alternate formats are acceptable provided the contents remain consistent with the form.
- See General Instructions for the Preparation and Submission of Reports (Jan 2005) on the following page.

THE FOLLOWING CLAUSES CORRESPOND WITH THE REPORTS INDICATED IN THE CHECKLIST AND WILL BE INCLUDED IF REQUIRED UNDER THE AWARD. IF REPORT IS NOT REQUIRED, THE CORRESPONDING CLAUSES WILL BE REMOVED FROM INSTRUCTIONS.

### GENERAL INSTRUCTIONS FOR THE PREPARATION AND SUBMISSION OF ELECTRONIC REPORTS (JAN 2005)

The Recipient must prepare and submit all scientific/technical reports (including conference papers/proceedings, journal articles, software, and topical reports, if applicable) via E-link at <a href="http://www.osti.gov/elink-2413">http://www.osti.gov/elink-2413</a> [see specific instructions below regarding form submittal and format]. If you have any technical problems with using E-Link or DOE Form 241.3, calls should be directed to OSTI at 865-576-1223. However, if your question is related to other submission issues, you should contact the award administrator identified under block 12 of the DOE F 4600.1 Notice of Financial Assistance Award face page.

Successful completion of this award is contingent upon submittal of the reports or items specified on the "Federal Assistance Reporting Checklist" in accordance with the following instructions:

Failure to follow these instructions can delay data entry of the report(s) into the **NETL FEDERAL INFORMATION TRACKING SYSTEM (FITS)** and result in the report being lost or considered delinquent.

The level of detail the Recipient provides in the reports must be commensurate with the scope and complexity of the effort and must be as delineated in the guidelines and instructions contained herein. The prime Recipient must be responsible for acquiring data from any contractors or sub recipients and ensuring that any information submitted is compatible with the requirements of the DOE.

## <u>GUIDELINES FOR ELECTRONIC SUBMISSION AND FILE FORMAT OF NON-SCIENTIFIC/TECHNICAL REPORTS (includes management, financial, closeout and other reporting).</u>

Production of high-quality, electronic documents is dependent on the quality of the input that is provided. Thus, the Recipient must submit an electronic version of each report.

ELECTRONIC REPORTS MUST BE SUBMITTED IN THE ADOBE ACROBAT PORTABLE DOCUMENT FORMAT (PDF). ELECTRONIC REPORTS SUBMITTED IN A FORMAT OTHER THAN ADOBE WILL BE RETURNED AND THE REPORT CONSIDERED DELINQUENT. IN ADDITION, THERE CAN BE NO RESTRICTIONS ON THE PDF FILE SUBMITTED THAT WOULD AFFECT OUR ABILITY TO OPEN OR EDIT THE REPORT DOCUMENT. THEREFORE, THE ONLY SECURITY METHOD THAT WILL BE ACCEPTED IS THE ADOBE ACROBAT "NO SECURITY" OPTION. THIS WILL ENABLE US TO PROPERLY INDEX AND PROCESS REPORT FILES.

Each report must be one integrated file that contains all text, tables, diagrams, photographs, schematics, graphs, and charts. Files must not be write-protected or encrypted in any manner.

The electronic file(s) must be submitted via the Internet at: <u>FITS@NETL.DOE.GOV</u>. An e-mail message sent in conjunction with the file **must** contain the following information:

DOE Award Number
Type of Report(s)
Frequency of Report(s)
Reporting Period (if applicable)
Name of submitting organization
Name, phone number and fax number of preparer

### A. MANAGEMENT REPORTING (See Guidelines for Electronic Submission and File Format of Non-Scientific/Technical Reports)

### PROGRESS REPORT

The Progress Report must provide a concise narrative assessment of the status of work and include the following information:

- 1. The DOE award number and name of the recipient.
- 2. The project title and name of the project director/principal investigator.
- 3. Date of report and period covered by the report.
- 4. Executive Summary- A well organized summary that highlights the important accomplishments and new knowledge realized from the project during the reporting period. It should be no less than one page and no more than two pages in length, and should be single spaced. This summary must be more comprehensive than the traditional "abstract" and identify noteworthy advancements in research, design, manufacture or commercialization of technology developments. Also, summarize important breakthroughs that resolve critical science and technology risks or development barriers.
- 5. Results of work during reporting period- A detailed discussion of the progress performance. The format will be determined by the DOE Project Officer. (This section should not contain any proprietary or classified data, or other information not subject to public release. If such information is important to reporting progress, **do not** include the information in this electronic report. Such information **MUST** be submitted in a separate hard-copy appendix to this report as explained under the **Supplemental Guidelines** below).

### A suggested format is:

Approach - this should describe, or reference all experimental, analytical and fabrication methods being used for the research and development efforts. It should also provide detail about materials and equipment being used. Standard methods can be referenced to the appropriate literature, where details can be obtained. Equipment should be described only if it is not standard, or if information is not available through the literature or other reference publications.

Results and Discussion - It is extremely important that this section includes enough relevant data, especially statistical data, to allow the project manager to justify the conclusions. With the relevant data, explain how the data was interpreted and how it relates to the original purpose of the research. Be concise in the discussion on how this research effort solved or contributed to solving the original problem. When investigation methods and/or procedures are being utilized for the first time, they must be described in detail. This description must contain detailed information on equipment and procedures utilized, as well as providing a rationale for their use and the accuracy of the method.

Conclusion - The conclusion should not simply reiterate what was already included in the "Results and Discussion" section. It should, however, summarize what has already been presented, and include any logical implications of how the successes are relevant to technology development in the future. This is extremely important, since "relevancy" continues to be a criterion of the program.

- 6. This section should not contain any trade secrets, business sensitive or classified data, or other information not subject to public release. (This section should not contain any proprietary or classified data, or other information not subject to public release. If such information is important to reporting progress, **do not** include the information in this electronic report. Such information **MUST** be submitted in a separate hard-copy appendix to this report as explained under the **Supplemental Guidelines** below.
- 7. Cost Status show approved budget by budget period and actual costs incurred. If cost sharing is required, break out by DOE share, Recipient share, and total costs.
- 8. Schedule Status list milestones, anticipated completion dates and actual completion dates. Milestones that were not met during the reporting period and reasons why the established milestones were not met. Explanations should also provide an approximate date when the milestone will be met. Recipients may use project management software, such as Microsoft Project, to measure and report cost and schedule status.
- 9. A summary of all of the significant accomplishments during this reporting period. An "accomplishment" is a significant development or finding that advances the state-of-the-art with respect to the technology of interest or significantly contributes to the understanding of a concept or technology.
- 10. Actual or anticipated problems or delays and actions taken or planned to resolve them. Identify any event causing a significant schedule slippage or cost growth; an environmental, safety, or health violation; or the achievement of or problems encountered for an important performance objective.
- 11. A description of any product produced or technology transfer activities accomplished during this reporting period. Identify and describe any activities to transfer research results or developed technology to other research stakeholders or users of the technology, such as:
  - a. Identify publications (list journal name, volume, issue); conference papers; or

other public releases of results as required for submission under <u>Conference Papers/Proceedings and Journal Articles</u> below.

- b. Website or other Internet sites that reflect the results of this project.
- c. Networks or collaboration fostered.
- d. Technologies/Techniques.
- e. Inventions/Patent Applications.
- f. Other products, such as data or databases, physical collections, audio or video, software or netware, models, educational aid or curricula, instruments or equipment.

### **SPECIAL STATUS REPORT**

The recipient must report the following events to the DOE Project Officer (identified in Block 11 of the Notice of Financial Assistance Award face page) by e-mail as soon as possible after they occur. The Special Status Report should document the incidents listed below:

- 1. Developments that have a significant favorable impact on the project.
- 2. Problems, delays, or adverse conditions which materially impair the recipient's ability to meet the objectives of the award or which may require DOE to respond to questions relating to such events from the public The recipient must report any of the following incidents and include the anticipated impact and remedial action to be taken to correct or resolve the problem/condition:
  - a. Any single fatality or injuries requiring hospitalization of five or more individuals.
  - b. Any significant environmental permit violation.
  - c. Any verbal or written Notice of Violation of any Environmental, Safety, and Health statutes.
  - d. Any incident which causes a significant process or hazard control system failure.
  - e. Any event which is anticipated to cause a significant schedule slippage or cost increase.
  - f. Any damage to Government-owned equipment in excess of \$50,000.
  - g. Any other incident that has the potential for high visibility in the media.
  - h. Any incident which causes a significant process or hazard control system failure, or is indicative of one which may lead to any of the above defined incidents, is to be reported as soon as possible, but within 5 days of discovery.

The e-mail correspondence should include:

- 1. Recipient's name and address;
- 2. Award title and number;
- 3. Date
- 4. Brief statement of problem or event;
- 5. Anticipated impacts; and
- 6. Corrective action taken or recommended.

When an event results in the need to issue a written or verbal statement to the local media, the statement is to be cleared first; if possible, and coordinated with NETL Communications and Public Affairs Division, the DOE Project Officer and the Contracting Officer.

### B. <u>SCIENTIFIC/TECHNICAL REPORTING</u> (See <u>Guidelines for Electronic</u> <u>Submission and Organization of Final Scientific/Technical and Topical Reports</u>)

Scientific/Technical Reporting includes: Final Scientific/Technical Report, Topical Reports, Conference Papers/Proceedings, Software, and Journal Articles.

### <u>GUIDELINES FOR ELECTRONIC SUBMISSION AND ORGANIZATION OF FINAL</u> SCIENTIFIC/TECHNICAL AND TOPICAL REPORTS

<u>Electronic Submission</u>. The final scientific/technical report and topical reports must be submitted electronically via the DOE Energy Link System (E-Link) at <a href="http://www.osti.gov/elink-2413">http://www.osti.gov/elink-2413</a>.

Electronic Format. REPORTS MUST BE SUBMITTED IN THE ADOBE PORTABLE DOCUMENT FORMAT (PDF) AND BE ONE INTEGRATED PDF FILE THAT CONTAINS ALL TEXT, TABLES, DIAGRAMS, PHOTOGRAPHS, SCHEMATIC, GRAPHS, AND CHARTS. ELECTRONIC REPORTS SUBMITTED IN A FORMAT OTHER THAN ADOBE WILL BE RETURNED AND THE REPORT CONSIDERED DELINQUENT. IN ADDITION, THERE CAN BE NO RESTRICTIONS ON THE PDF FILE SUBMITTED THAT WOULD AFFECT OUR ABILITY TO OPEN OR EDIT THE REPORT DOCUMENT. THEREFORE, THE ONLY SECURITY METHOD THAT WILL BE ACCEPTED IS THE ADOBE ACROBAT "NO SECURITY' OPTION. THIS WILL ENABLE US TO PROPERLY INDEX AND PROCESS REPORT FILES.

Materials, such as prints, videos, and books, that are essential to the report but cannot be submitted electronically, should be sent to the DOE Award Administrator at the address listed in Block 12 of the Notice of Financial Assistance Award.

Submittal Form. The report must be accompanied by a completed electronic version of **DOE Form 241.3, "U.S. Department of Energy (DOE), Announcement of Scientific and Technical Information (STI)."** You can complete, upload, and submit the DOE F.241.3 online via E-Link. You are encouraged not to submit Protected EPAct Information in these electronic technical reports. These technical reports must also not contain any Limited Rights Data (such as trade secret, proprietary or business sensitive information), classified information, information subject to export control classification, or other information not subject to release. Such information **must** be submitted in a separate hard-copy appendix to the electronic technical and topical reports as explained under **Supplemental Guidelines** below.

Organization. The following sections should be included (as appropriate) in the final

scientific/technical report and topical reports in the sequence shown. Any section denoted by an asterisk is **required** in all final technical and topical reports.

**TITLE PAGE\*** - The Title Page of the report itself must contain the following information in the following sequence:

Report Title

Type of Report (Final Scientific/Technical or Topical)

Reporting Period Start Date

Reporting Period End Date

Principal Author(s)

Date Report was Issued (Month [spelled out] and Year [4 digits])

DOE Award Number (e.g., DE-FG26-05NT12345) and if appropriate, task number

Name and Address of Submitting Organization (This section should also contain the name and address of significant subcontractors/sub-recipients participating in the production of the report.)

### **DISCLAIMER\*** -- The Disclaimer must follow the title page, and must contain the following paragraph:

"This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof."

**ABSTRACT\*** - should be a brief, concise summary of the report.

#### **TABLE OF CONTENTS\***

**EXECUTIVE SUMMARY\*** - this should be a well organized summary that highlights the important accomplishments of the research during the reporting period. It should be no less than one page and no more than two pages in length, and should be single spaced. This summary must be more comprehensive than the traditional "abstract."

**REPORT DETAILS** - The body of the final scientific/technical or topical report should address topics such as the following:

**Experimental methods:** Describe, or reference all experimental methods being utilized. Also provide detail(s) about materials and equipment used. Standard methods should reference the appropriate literature, where details can be obtained. Equipment should be described

only if it is not standard, or if information is not available thru the literature or other reference publications.

Results and discussions: This section should include enough relevant data, especially statistical data, to allow the project manager to justify the conclusions. Explain how the data was interpreted and how it relates to the original purpose of the research. Be concise in the discussion on how this research effort solved or contributed to solving the original problem.

Conclusion: The conclusion should not simply reiterate what was already included in "Results and Discussion" but should summarize what has already been presented, and include any logical implications of how the successes are relevant to technology development in the future. This is extremely important, since "relevancy" continues to be a criterion of the program.

GRAPHICAL MATERIALS LIST(S)
REFERENCES
BIBLIOGRAPHY
LIST OF ACRONYMS AND ABBREVIATIONS
APPENDICES (IF NECESSARY)

### **SUPPLEMENTAL GUIDELINES**

NETL cannot release technical reports that include Limited Rights Data (such as trade secret, proprietary or business sensitive information). Thus, if such information is important to technical reporting requirements, it <a href="must">must</a> be submitted in a separate appendix to the electronic technical report. This appendix <a href="must">MUST NOT</a> be submitted in an electronic format but rather submitted separately in <a href="must">TWO GOOD QUALITY</a>
<a href="must">PAPER COPIES</a>
<a href="must">when the electronic version of the sanitized technical report is submitted. The appendix must not be referenced in or incorporated into the sanitized technical report deliverable under the award. The appendix must be appropriately marked and identified. Only the legend provided in the Rights in Data clause in this award may be placed on the appendix. The appendix must be sent to:</a>

# NETL AAD DOCUMENT CONTROL BUILDING 921 U.S. DEPARTMENT OF ENERGY NATIONAL ENERGY TECHNOLOGY LABORATORY P.O. BOX 10940 PITTSBURGH, PA 15236-0940

Further, if this award authorizes the recipient under the provisions of The Energy Policy Act of 1992 (EPAct) to request protection from public disclosure for a limited period of time of certain information developed under this award, the main body of electronic technical reports <a href="MUST NOT">MUST NOT</a> contain such Protected Information. <a href="TWO GOOD">TWO GOOD</a> QUALITY PAPER COPIES of such information must be submitted to the address above in a separate appendix to the sanitized electronic version of the technical report. The appendix must not be referenced in or incorporated into, the sanitized technical report deliverable under the award. In accordance with the clause titled <a href=""Rights in Data-Programs Covered Under Special Data Statutes," the appendix must be appropriately marked, including the date when the period of protection for the data ends.">MUST NOT</a> Rights in Data-Programs Covered Under Special Data Statutes," the appendix must be appropriately marked, including the date when the period of protection for the data ends.

**Company Names and Logos** -- Except as indicated above, company names, logos, or similar material should not be incorporated into reports.

**Copyrighted Material** -- Copyrighted material should not be submitted as part of a report unless written authorization to use such material is received from the copyright owner and is submitted to DOE with the report.

**Measurement Units** -- All reports to be delivered under this instrument must use the SI Metric System of Units as the primary units of measure. When reporting units in all reports, primary SI units must be followed by their U.S. Customary Equivalents in parentheses ( ). **The Recipient must insert the text of this clause, including this paragraph, in all subcontracts under this award.** Note: SI is an abbreviation for "Le Systeme International d'Unites."

### FINAL SCIENTIFIC/TECHNICAL REPORT

The Final Scientific/Technical Report must document and summarize all work performed during the award period in a comprehensive manner. It must also present findings and/or conclusions produced as a consequence of this work. This report must not merely be a compilation of information contained in other reports, but must present that information in an integrated fashion, and shall be augmented with findings and conclusions drawn from the research as a whole.

#### CONFERENCE PAPERS/PROCEEDINGS AND JOURNAL ARTICLES

<u>Content.</u> The recipient must submit a copy of any conference papers/proceedings, with the following information: (1) Name of conference; (2) Location of conference (city, state, and country); (3) Date of conference (month/day/year); and (4) Conference sponsor.

# INCLUDE IF THE AWARD IS TO A LARGE BUSINESS ORGANIZATION. CONFERENCE PAPERS, PROCEEDINGS AND JOURNAL ARTICLES GENERATED BY LARGE BUSINESSES

The Recipient must submit to DOE for review and approval all documents generated by the Recipient, or any subcontractor, which communicate the results of scientific or technical work supported by DOE under this award, whether or not specifically identified in the award, prior to submission for publication, announcement, or presentation. Such documents include conference papers, proceedings, and journal articles. Upon completion of review, the DOE Project Officer will notify the Recipient of approval or recommended changes.

### INCLUDE IF THE AWARD IS TO A SMALL BUSINESS OR NON-PROFIT ORGANIZATION.

### CONFERENCE PAPERS, PROCEEDINGS AND JOURNAL ARTICLES, GENERATED BY A SMALL BUSINESS OR NONPROFIT ORGANIZATION

The Recipient must submit to DOE for review and approval all documents generated by the Recipient, or any subcontractor, which communicate the results of scientific or technical work supported by DOE under this award, whether or not specifically identified in the award, prior to submission for publication, announcement, or presentation. Such documents include conference papers, proceedings and journal articles. Upon completion of review, the DOE Project Officer will notify the Recipient of approval or recommended changes.

### INCLUDE IF THE AWARD IS TO A UNIVERSITY OR EDUCATIONAL INSTITUTION.

### <u>CONFERENCE PAPERS, PROCEEDINGS AND JOURNAL ARTICLES, GENERATED</u> <u>BY A UNIVERSITY</u>

The Recipient must submit to DOE for review and comment all documents generated by the Recipient, or any subcontractor, which communicate the results of scientific or technical work supported by DOE under this award, whether or not specifically identified in the award, prior to submission for publication, announcement, or presentation. Such documents include conference papers, proceedings, and journal articles. Upon completion of review, the DOE Project Officer will notify the Recipient of recommended changes.

Electronic Submission. Scientific/technical conference paper/proceedings must be submitted electronically-via the DOE Energy Link System (E-Link) at <a href="http://www.osti.gov/elink-2413">http://www.osti.gov/elink-2413</a>. Non-scientific/technical conference papers/proceedings must be sent to the NETL Intranet address at: <a href="https://www.osti.gov/elink-2413">FITS@NETL.DOE.GOV</a>. <a href="https://www.osti.gov/elink-2413">Electronic Format</a>. Conference papers/proceedings must be submitted in the ADOBE PORTABLE DOCUMENT FORMAT (PDF) and be one integrated PDF file that contains all text, tables, diagrams, photographs, schematic, graphs, and charts.

<u>Submittal Form.</u> Scientific/technical conference papers/proceedings must be accompanied by a completed DOE Form 241.3. The form and instructions are available on E-Link at <a href="http://www.osti.gov/elink-2413">http://www.osti.gov/elink-2413</a>. This form is not required for non-scientific or non-technical conference papers or proceedings.

### INCLUDE IF SOFTWARE IS TO BE DELIVERED. SOFTWARE

<u>Content.</u> Computer software produced in the performance of this effort must be delivered shortly after development or at the completion of the effort, as appropriate. Unless otherwise agreed upon, the following must be delivered: source code, the executable object code and support documentation needed by a competent user to understand and use the software and provide a firm basis for allowing modifications to be made in any subsequent development efforts. Unless otherwise specified, software should not incorporate or be dependent on the use of proprietary software

<u>Submission</u>. Software/manual submissions must be sent to the DOE Award Administrator identified in Block 12 of the Notice of Financial Assistance Award. All software/manual submissions must be furnished on a CD-ROM, 3.5 "floppy disk", or zip disk.

<u>Submittal Form.</u> Each software deliverable and its manual must be accompanied by a completed DOE Form 241.4 "Announcement of U.S. Department of Energy Computer Software." The form and instructions are available on E-Link at <a href="http://www.osti.gov/estsc/doef2414.pdf">http://www.osti.gov/estsc/doef2414.pdf</a>.

#### **TOPICAL REPORTS**

Topical reports are intended to provide a comprehensive statement of the technical results of the work performed for a specific task or subtask of the Statement of Project Objectives, or detail significant new scientific or technical advances. The topical report format should follow the guidelines set forth above for technical reporting.

### C. FINANCIAL REPORTING

INCLUDE IN ALL AWARDS AS QUARTERLY <u>AND</u> FINAL FREQUENCY. CHOOSE EITHER SF-269 (LONG FORM) OR SF-269A (SHORT FORM) DEPENDING UPON DOLLAR THRESHOLD, COMPLEXITY OR WHEN ADDITIONAL FINANCIAL DATA IS NECESSARY.

FINANCIAL STATUS REPORT (STANDARD FORM 269 OR 269A)

This report is used for the Recipient to provide regular periodic accounting of project funds expended. The accounting may be on either a cash or accrual basis. Actual total expenditures and obligations incurred, but not paid, are reported for each reporting period for each major activity. Provision is made to identify the Federal and non-Federal share of project outlays for each identified activity.

INCLUDE WHEN FUNDS ARE ADVANCED USING ASAP. DOE WILL USE THIS REPORT TO MONITOR CASH ADVANCED TO RECIPIENTS AND TO OBTAIN DISBURSEMENT INFORMATION FOR EACH AGREEMENT WITH THE RECIPIENTS.

### FEDERAL CASH TRANSACTIONS REPORT (STANDARD FORM 272)

This report is used by DOE to monitor cash advanced to Recipients and to obtain disbursement information. The content of the report is prescribed in 10 CFR 600.152 for Institutions of Higher Education, Hospitals, Other Non-Profit Organizations and Commercial Organizations or 10 CFR 600.241 for States and Local Governments.

### D. <u>CLOSEOUT REPORTING</u>

#### PATENT CERTIFICATION (DOE F 2050.11)

### This certification must be completed with signature and scanned for submission.

This certificate submitted on DOE F 2050.11 is due immediately upon completion or termination of the award.

### PROPERTY CERTIFICATION (NETL F 580.1-9)

### This certification must be completed with signature and scanned for submission.

This certificate submitted on the NETL F 580.1-9 is due immediately upon completion or termination of the award. The recipient must attach to this certificate a final/completion inventory of all recipient acquired real estate, equipment, and materials/supplies as specified in the appropriate 10 CFR 600 Financial Assistance Regulation.

### E. OTHER REPORTING

(Reserved)